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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

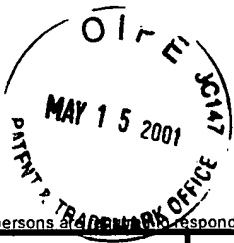
<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/772,065	
	Filing Date	January 30, 2001	
	First Named Inventor	Doug Hutcheson et al.	
	Group Art Unit	2681	
	Examiner Name		
Total Number of Pages in This Submission	103*	Attorney Docket Number	50310-00631

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement (*40 references) <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>PTO Form 1449 with 40 references; request for corrected filing receipt</b>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	PATRICK J. COYNE/MARK W. RYGIEL Collier Shannon Scott, PLLC
Signature	
Date	May 15, 2001

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <input type="text"/>			
Typed or printed name			
Signature		Date	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$188.00)

## Complete if Known

Application Number	09/772,065
Filing Date	January 30, 2001
First Named Inventor	Doug Hutcheson et al.
Examiner Name	
Group Art Unit	2681
Attorney Docket No.	50310-00631

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

Deposit Account Name

☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION (continued)

3. ADDITIONAL FEES				Fee Description	Fee Paid
Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	130
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) _____					
SUBTOTAL (3)					\$170.00

## FEE CALCULATION

1. BASIC FILING FEE				Fee Description	Fee Paid
Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)		
101	710	201	355	Utility filing fee	
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					(\$)-0-

2. EXTRA CLAIM FEES

Total Claims 72 -20\*\* = 1 X 18 = 18

Independent Claims        -3\*\* =        X        =       

Multiple Dependent        =       

Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	
103	18	203	9	Claims in excess of 20	
102	80	202	40	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claim, if not paid	
109	80	209	40	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$) 18.00

\*\*or number previously paid, if greater; For Reissues, see above

\*Reduced by Basic Filing Fee Paid

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Patrick J. Coyne	Registration No. (Attorney/Agent)	31,821
Signature	<i>Patrick J. Coyne</i>	Telephone	202.342.8400
		Date	May 15, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.


Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Doug Hutcheson et al.

Application Serial No.: 09/772,065

Filed: January 30, 2001

For:  OPERATIONS METHOD FOR PROVIDING WIRELESS  
COMMUNICATION SERVICES AND NETWORK AND SYSTEM FOR  
DELIVERING SAME

Attorney Docket #: 50310-00631

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF  
NONPROVISIONAL APPLICATION**

Assistant Commissioner for Patents  
BOX MISSING PARTS  
Washington, D.C. 20231

Dear Sir:


In response to the Notice to File Missing Parts of Nonprovisional Application mailed March 27, 2001 Applicants' attorney submits the following documents in order to complete the formal requirements for the above-referenced application.

- (1) Copy of Notice to File Missing Parts of Nonprovisional Application;
- (2) Executed Declaration and Power of Attorney;
- (3) Recordation Form Cover Sheet -- Patents Only, with executed Assignment of Application of United States Patent attached thereto;
- (4) Formal drawings depicting Figs. 1-34 in compliance with 37 CFR 1.84; and
- (5) Preliminary Amendment.

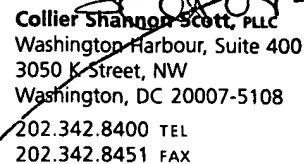
A check in the amount of \$188.00 to cover the Government surcharge (\$130 fee for the late filing of the Oath; \$40 for recording of the Assignment; and \$18 for extra claim fee) is enclosed herewith.

Respectfully submitted,

Dated: May 15, 2001

  
PATRICK J. COYNE, Reg. No. 31,821  
MARK W. RYGIEL, Reg. No. 45,871  
COLLIER SHANNON SCOTT, PLLC  
3050 K Street, N.W., Suite 400  
Washington, D.C. 20007  
(202) 342-8400

  
**Collier Shannon Scott**

  
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MARK W. RYGIEL  
202.342.8480  
mrygiel@colliershannon.com

May 15, 2001


Assistant Commissioner for Patents  
BOX MISSING PARTS  
Washington, D.C. 20231

**Re: U.S. Patent Application Serial No. 09/772,065**  
**For: OPERATIONS METHOD FOR PROVIDING WIRELESS**  
**COMMUNICATION SERVICES AND NETWORK AND SYSTEM FOR**  
**DELIVERING SAME**  
**Our Reference: 50310-00631**

Dear Sir:

Transmitted herewith for filing in the U.S. Patent and Trademark Office in connection with the above-referenced application are the following documents: (1) Transmittal Form (1 sheet); (2) Fee Transmittal Form (1 sheet); (3) a Response to Notice to File Missing Parts of Nonprovisional Application (1 sheet); (4) a copy of the Notice to File Missing Parts of a Nonprovisional Application (1 sheet); (5) an executed Declaration and Power of Attorney (4 sheets); (6) Recordation Form Cover Sheet Patents Only with executed Assignment (5 sheets); (7) formal drawings depicting Figs. 1-34 in compliance with 37 CFR 1.84 (in duplicate) (76 sheets); (8) a Preliminary Amendment (7 sheets); (9) an Information Disclosure Statement and PTO Form 1449 with 40 references cited thereon; (10) a Request for Corrected Filing Receipt with changes noted in red on copy attached thereto (2 sheets); and (11) a check in the amount of \$188.00 (\$130 for late filing fee for oath; \$18 for extra claim over 20; \$40 for recording assignment).

Sincerely yours,

  
PATRICK J. COYNE, Reg. No. 31,821  
MARK W. RYGIEL, Reg. No. 45,871

Enclosures

mwr 50310-00631 25



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

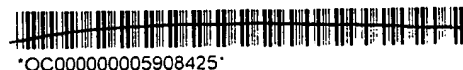
APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/772,065	01/30/2001	2681	2228	50310-00631	31	92	6

CONFIRMATION NO. 8176

25243

COLLIER, SHANNON, SCOTT, PLLC  
3050 K STREET, NW  
SUITE 400  
WASHINGTON, DC 20007

## FILING RECEIPT



\*OC000000005908425\*

MAR 30 2001

DW

Date Mailed: 03/27/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

San Diego, CA;  
Doug Hutcheson, ~~Residence Not Provided~~  
Michael Brink, Bend, OR; Scot Jarvis, Sammamish, WA

Continuing Data as Claimed by Applicant

Foreign Applications

If Required, Foreign Filing License Granted 03/26/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

## Title

Operations method for providing wireless communication services and network  
and system for delivering same

Preliminary Class

455



## UNITED STATES PATENT AND TRADEMARK OFFICE

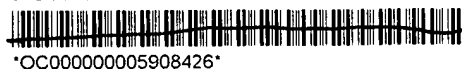
COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/772,065	01/30/2001	Doug Hutcheson	50310-00631

CONFIRMATION NO. 8176

25243  
COLLIER, SHANNON, SCOTT, PLLC  
3050 K STREET, NW  
SUITE 400  
WASHINGTON, DC 20007

## FORMALITIES LETTER



Date Mailed: 03/27/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

05/16/2001 NROCHA1 00000048 09772065

FILED UNDER 37 CFR 1.53(b)

01 FC:105 130.00 OP  
02 FC:103 18.00 OP

**Filing Date Granted**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- Total additional claim fee(s) for this application is \$18.
  - \$18 for 72 total claims over 20.
- The oath or declaration is missing.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 148.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

#4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re Application of:** Doug Hutcheson, et al.

**Application Serial No.:** 09/772,065

**Filed:** January 30, 2001

**For:** OPERATIONS METHOD FOR PROVIDING WIRELESS  
COMMUNICATION SERVICES AND NETWORK AND SYSTEM  
FOR DELIVERING SAME

**Attorney Docket #:** 50310-00631

**REQUEST FOR A CORRECTED FILING RECEIPT**

The Assistant Commissioner for Patents  
Washington, D.C. 20231

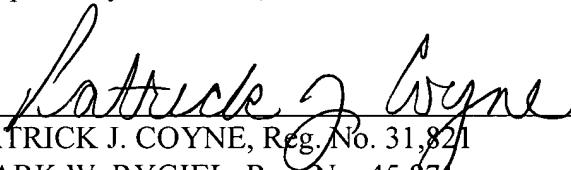
Dear Sir:

Applicants respectfully request that the filing Receipt for the above-mentioned application,  
a copy of which is attached, be corrected to reflect the changes as shown in red.

Thank you for your prompt attention to this matter.

Respectfully submitted,

Date: May 15, 2001

  
PATRICK J. COYNE, Reg. No. 31,821  
MARK W. RYGIEL, Reg. No. 45,871  
COLLIER SHANNON SCOTT, PLLC  
3050 K Street, N.W., Suite 400  
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